Jotashield Tex Ultra AA

Product description

Type

This product is a superior quality, flexible, exterior, water based textured paint. Based on pure acrylic emulsion.

Features and benefits

Offers very good weather and water resistance. The unique UV protected colours offer outstanding protection against destructive effect of UV rays present in Sunlight. Its unique formulation protects concrete from carbonation (Acts as anticarbonation coating). Provides an attractive texture that will hide and cover minor imperfections when applied with a sponge roller. Designed to provide semigloss finish with medium texture. Has ability to cover cracks up to 2.6mm. Resistant to algae and fungus.

Recommended use

Ideal for decorating and protecting exterior surfaces.

Substrate

Cement plaster, concrete, block work, rendered surfaces, gypsum board etc.

Product data

Packaging size	4 L and 20 L
Colours	Refer to Jotashield exterior colour card.
Solids by volume	42 ± 2 volume% Theoretical
VOC	53 g/l ISO 11890 EU
VOC comments	This is the theoretical value. Tested value will vary depending on test methodology, accuracy of equipment used for testing and test conditions.

Application data

The product can be applied by

Spray : Use airless spray or conventional spray.

Roller : Use of a foam roller will provide the best finish results.

Brush : Recommended to paint corners and edges.

Guiding data for airless spray

Nozzle tip	0.53 - 0.79 mm (0.021-0.031")
Spray angle degrees	40º - 80º
Pressure at nozzle	20 MPa (200 kp/cm², 2800 psi)

This Technical Data Sheet supersedes those previously issued.

The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Safety Data Sheet (SDS) for this product. For your nearest local Jotun office, please visit our website at www.jotun.com.

Film thickness per coat

Typical recommended range

Dry film thickness	140	- 1000	µm
Wet film thickness	330	- 2400	µm

Film thickness will vary and is calculated as average.

Theoretical spreading rate	0.4	- 3	m^2/l

Spreading rate depends on film thickness applied, type of texture, surface porosity, imperfections, temperature, wastage during painting etc.
The average spreading rate per coat can be confirmed at site by a trial application.
Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.

Thinner

Water

Dilution

Maximum 5 %

Conditions during application

The temperature of the substrate should be minimum 10 °C and at least 3 °C above the dew point of the air, measured in the vicinity of the substrate. The ideal maximum substrate temperature during application should not be more than 45 °C. Good ventilation is usually required in confined areas to ensure proper drying.

Drying times

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with:

1. Recommended data given is, for recoating with the same generic type of paint.

2. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied.

3. The surface should be dry and free from any contamination prior to application of the subsequent coat.

The drying time is measured by stated values: **Relative Humidity (RH) 50 %** **Substrate temperature**	10 °C	23 °C	40 °C
Surface (touch) dry	120 min	60 min	45 min
Hard dry	48 h	24 h	12 h
Dry to over coat, minimum	10 h	5 h	3 h

Directions for use

Surface preparation

The substrate must be sound, clean, dry and free from dust, oil, grease, laitance etc. All traces of form release agents/curing agents must be removed. A light sanding with suitable abrasive material is recommended before application. Any resulting dust/loose particles must be removed.

For concrete surfaces, sweep sand blasting or water jetting is recommended.

Recommended paint system

Primer

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JOTASHIELD PENETRATING PRIMER : 1Coat(s)
Penetrating Sealer : 1 Coat

Topcoat

Jotashield Tex Ultra AA :2 Coat(s)

Other paint systems

As concrete protection system:

Jotun Siloxane Acrylic Primer : 1 Coat
Jotashield Tex Ultra AA: 2 Coats

Remarks

Other systems may be specified, depending on area of use.

Contents of packaging with different batch numbers must be mixed together before use.

Please refer to the Decorative Sales Department for technical advice.

Health and safety

Please observe the environmental and precautionary notices displayed on the container.

A Material Safety Data Sheet for the product has been issued.
Detailed information regarding health and safety risks and precautions for the use of this product is specified in the product's Safety Data Sheet.
First-aid measures, refer to section 4.
Handling and storage, refer to section 7.
Transport information, refer to section 14.
Regulatory information, refer to section 15.

Disclaimer

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.

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